

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	164	anthracene with pitch with (mix dissolved dissolving mixed mixture)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 11:09
L2	108	501/99.ccls. and pitch	US-PGPUB; USPAT	OR	ON	2010/05/13 13:51
L3	63	501/99.ccls. and pitch same (dissolved mixed mixture mixing dissolve)	US-PGPUB; USPAT	OR	ON	2010/05/13 14:46
L6	908	(208/41.ccls. 208/44.ccls. 106/273.1.ccls.)	US-PGPUB; USPAT	OR	ON	2010/05/13 15:13
L7	135	(208/41.ccls. 208/44.ccls. 106/273.1.ccls.) and (composite composite refractory refractories)	US-PGPUB; USPAT	OR	ON	2010/05/13 15:14
L8	26	(208/41.ccls. 208/44.ccls. 106/273.1.ccls.) and (composite composite refractory refractories) and anthracene	US-PGPUB; USPAT	OR	ON	2010/05/13 15:45
S1	0	11/616716	US-PGPUB; USPAT	OR	ON	2007/10/15 16:23
S7	3	"5391530"	US-PGPUB; USPAT	OR	ON	2007/10/16 09:56
S9	18	"5403526" "3285760" "5262043"	US-PGPUB; USPAT	OR	ON	2007/10/16 08:46
S10	3	("5403526" "3285760" "5262043").did.	US-PGPUB; USPAT	OR	ON	2007/10/16 08:53
S11	58	refractory and naphthenic adj oil	US-PGPUB; USPAT	OR	ON	2007/10/16 08:56
S12	10	refractory and naphthenic adj oil	US-PGPUB; USPAT	OR	ON	2007/10/16 08:57
S13	1031	refractory and naphthenic	US-PGPUB; USPAT	OR	ON	2007/10/16 09:13
S14	921	refractory and naphthenic not vinegar	US-PGPUB; USPAT	OR	ON	2007/10/16 10:09

S15	1	"20070105987".did.	US-PGPUB; USPAT	OR	ON	2007/10/16 09:56
S16	370	refractory and naphthenic not vinegar and (binder or resin)	US-PGPUB; USPAT	OR	ON	2007/10/16 10:14
S31	1233	refractory and (naphthenic or naphtha or naphthenic or naphtha white adj spirit ligroin petroleum adj ether) not vinegar and (binder or resin) not (lubricant lubricat\$ hydrocrack\$ catalys\$ treatment processing hydroprocess \$ conversion sieve).ti.	US-PGPUB; USPAT	OR	ON	2007/10/16 11:08
S32	1197	refractory and (naphthenic or naphtha or naphthenic or naphtha white adj spirit ligroin petroleum adj ether) not vinegar and (binder or resin) not (lubricant lubricat\$ hydrocrack\$ catalys\$ treatment processing hydroprocess \$ conversion sieve dehydro\$ photosen\$).ti.	US-PGPUB; USPAT	OR	ON	2007/10/16 11:12
S33	20	refractory.ti. and (naphthenic or naphtha or naphthenic or naphtha white adj spirit ligroin petroleum adj ether) not vinegar and (binder or resin) not (lubricant lubricat\$ hydrocrack\$ catalys\$ treatment processing hydroprocess \$ conversion sieve dehydro\$ photosen\$).ti.	US-PGPUB; USPAT	OR	ON	2007/10/16 11:49

S34	9	refractory.ti. and (naphthenic or naphtha or naphthenic or naphtha white adj spirit ligroin petroleum adj ether) not vinegar and (binder or resin) not (lubricant lubricat\$ hydrocrack\$ catalys\$ treatment processing hydroprocess \$ conversion sieve dehydro\$ photosen\$).ti. and "501".clas.	US-PGPUB; USPAT	OR	ON	2007/10/16 11:47
S35	36	refractory and (naphthenic or naphtha or naphthenic or naphtha white adj spirit ligroin petroleum adj ether) not vinegar and (binder or resin) not (lubricant lubricat\$ hydrocrack\$ catalys\$ treatment processing hydroprocess \$ conversion sieve dehydro\$ photosen\$).ti. and "501".clas.	US-PGPUB; USPAT	OR	ON	2007/10/16 11:24
S36	14	(US-3865713-\$ or US- 3915925-\$ or US- 5262043-\$ or US- 3978906-\$ or US- 3989533-\$ or US- 4102694-\$ or US- 4119473-\$ or US- 5429781-\$ or US- 5238986-\$ or US- 4946805-\$ or US- 4229221-\$ or US- 4375518-\$ or US- 4220474-\$ or US- 5523133-\$).did.	USPAT	OR	ON	2007/10/16 11:43
S37	0	S36 with water	USPAT	OR	ON	2007/10/16 11:43
S38	0	S36 SAME water	USPAT	OR	ON	2007/10/16 11:43
S39	0	S36 and naphtha SAME water	USPAT	OR	ON	2007/10/16 11:43
S40	9	S36 and water	USPAT	OR	ON	2007/10/16 13:43

S41	27	refractory and (naphthenic or naphtha or naphthenic or naphtha white adj spirit ligroin petroleum adj ether) not vinegar and (binder or resin).ti. not (lubricant lubricat\$ hydrocrack\$ catalys\$ treatment processing hydroprocess \$ conversion sieve dehydro\$ photosen\$).ti.	US-PGPUB; USPAT	OR	ON	2007/10/16 11:52
S42	376	refractory and (anthracene) not vinegar and (binder or resin or pitch) not (lubricant lubricat\$ hydrocrack\$ catalys\$ treatment processing hydroprocess \$ conversion sieve dehydro\$ photosen\$).ti.	US-PGPUB; USPAT	OR	ON	2007/10/16 12:46
S43	13	refractory and (anthracene) not vinegar and (binder or resin or pitch) not (lubricant lubricat\$ hydrocrack\$ catalys\$ treatment processing hydroprocess \$ conversion sieve dehydro\$ photosen\$).ti. and (benzo["a"]\$ or benzopyrene or benzo adj pyrene)	US-PGPUB; USPAT	OR	ON	2007/10/16 12:51
S44	17	refractory and (anthracene) not vinegar and (binder or resin or pitch) not (lubricant lubricat\$ hydrocrack\$ catalys\$ treatment processing hydroprocess \$ conversion sieve dehydro\$ photosen\$).ti. and (benzo["a"]\$ or benzopyrene or benzo adj pyrene CARCINOGENIC)	US-PGPUB; USPAT	OR	ON	2007/10/16 12:59

S45	62	refractory and (anthracene) not vinegar and (binder or resin or pitch) not (lubricant lubricat\$ hydrocrack\$ catalys\$ treatment processing hydroprocess \$ conversion sieve dehydro\$ photosen\$).ti. and (benzo["a"]\$ or benzopyrene or benzo adj pyrene CARCINOGENIC carcinogen mutan\$)	US-PGPUB; USPAT	OR	ON	2007/10/16 13:00
S47	10	"3,285,760"	US-PGPUB; USPAT	OR	ON	2007/10/16 13:31
S48	4	"3,285,760" and anthracene	US-PGPUB; USPAT	OR	ON	2007/10/16 13:32
S49	6	"3,285,760" and anthracene	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16 13:32
S50	13	S36 and (naphthenic or naphtha or naphthenic or naphtha white adj spirit ligroin petroleum adj ether)	USPAT	OR	ON	2007/10/16 13:43
S51	3	US-3753647-\$.DID. OR US-3899450-\$.DID. OR US-3960755-\$.DID.	US-PGPUB; USPAT	OR	ON	2007/10/23 11:27
S52	467	501/99.ccls.	US-PGPUB; USPAT	OR	ON	2007/10/23 13:13
S53	370	501/99.ccls. not fiber	US-PGPUB; USPAT	OR	ON	2007/10/23 13:14
S54	370	501/99.ccls. not (fiber fibre)	US-PGPUB; USPAT	OR	ON	2007/10/23 13:14
S55	65	501/99.ccls. not (fiber fibre) and (coking or coke)	US-PGPUB; USPAT	OR	ON	2007/10/23 13:17
S56	4	501/99.ccls. not (fiber fibre) and (coking or coke) adj value	US-PGPUB; USPAT	OR	ON	2007/10/23 13:18
S57	694	501/99.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/23 13:20
S58	6	US-3285760-\$.DID. OR US-3415667-\$.DID. OR US-4071593-\$.DID. OR US-5262043-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/23 13:25

S59	4067	coal adj tar adj pitch	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 10:33
S60	1248	coal adj tar adj pitch and dissolved	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 10:35
S61	350	coal adj tar adj pitch and dissolved same oil	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 10:35
S62	15	"4369171"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 10:50
S63	36973	anthracene oil and coal adj tar adj pitch and refractory	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 11:05
S64	37219	anthracene oil and coal adj tar adj pitch and refractory	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 11:05
S65	28	anthracene adj oil and coal adj tar adj pitch and refractory	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 11:06
S66	58	anthracene adj oil and pitch and refractory	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 11:18
S67	536	(anthracene heavy) adj oil and pitch and refractory	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 11:34
S68	346	(anthracene heavy) adj oil and pitch and refractory not vinegar	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 11:34
S69	13	"3,285,760"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 11:50
S70	76	anthracene near2 pitch	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 13:16
S71	16	anthracene near2 pitch and refractory	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 13:16
S72	11	("3318801"   "3355377"   "3540901").PN. OR ("4009308").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 13:23
S73	14	"4102694"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 13:35

S74	57	(anthracene heavy) adj oil and pitch and refractory not vinegar and (mold molded compaction compacted rammed)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 13:37
S75	4	("3285760").URPN.	USPAT	OR	ON	2009/09/24 13:38
S76	0	("5866490").URPN.	USPAT	OR	ON	2009/09/24 13:38
S77	2	"4079032"	USPAT	OR	ON	2009/09/24 14:11

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